

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, Nebraska

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass	Geothermal ^f	Solar ^{f,g}	Wind ^f	Net Electricity Imports ^h	Total ^{f,i}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total			Wood and Waste ^{e,f}					
	Thousand Short Tons	Billion Cubic Feet					Thousand Barrels				Million Kilowatthours	Million Kilowatthours		
1960	256	31	64	0	96	160	0	959	--	0	NA	NA	0	--
1965	486	36	71	0	107	178	-5	1,115	--	0	NA	NA	0	--
1970	1,006	48	126	0	188	314	0	1,370	--	0	NA	NA	0	--
1975	1,278	38	308	0	658	967	5,916	1,213	--	0	NA	NA	0	--
1980	4,702	12	86	0	176	262	5,783	1,336	--	0	NA	NA	0	--
1985	6,380	1	62	0	0	62	4,134	1,441	--	0	0	0	0	--
1990	8,027	4	31	0	1	31	7,511	1,140	--	0	0	0	0	--
1995	10,048	3	61	0	0	61	7,485	1,426	--	0	0	0	0	--
1996	10,091	2	47	0	0	47	9,457	1,602	--	0	0	0	0	--
1997	10,796	3	71	0	(s)	72	9,269	1,672	--	0	0	0	1	--
1998	11,505	5	83	0	11	93	8,259	1,683	--	0	0	0	-48	--
1999	11,219	5	65	0	4	70	10,091	1,719	--	0	0	0	-42	--
2000	11,503	6	100	0	19	119	8,629	1,501	--	0	0	0	0	--
2001	12,606	4	62	0	(s)	62	8,726	1,124	--	0	0	3	0	--
2002	12,210	5	43	0	(s)	43	10,122	1,097	--	0	0	8	0	--
2003	12,725	5	101	0	1	102	7,997	980	--	0	0	38	2	--
2004	12,650	3	45	0	2	47	10,241	913	--	0	0	38	-3	--
2005	12,886	8	44	0	19	63	8,802	871	--	0	0	97	-4	--
2006	12,881	8	40	0	2	41	9,003	893	--	0	0	261	-1	--
2007	12,267	11	54	0	23	76	11,042	347	--	0	0	217	9	--
2008	13,360	7	72	0	1	73	9,479	346	--	0	0	214	(s)	--
2009	14,183	3	44	0	1	45	9,435	434	--	0	0	383	(s)	--
2010	14,167	4	57	0	(s)	57	11,054	1,314	--	0	0	422	0	--
2011	15,711	4	69	0	1	70	6,933	1,617	--	0	0	1,051	0	--
2012	14,884	8	42	0	1	43	5,802	1,257	--	0	0	1,284	0	--
2013	15,829	5	94	0	0	94	6,865	1,124	--	0	0	1,802	0	--
2014	15,036	4	99	0	0	99	10,102	1,158	--	0	0	2,737	(s)	--
2015	14,508	4	16	0	0	16	10,325	1,685	--	0	0	3,180	0	--
2016	13,056	6	16	0	0	16	9,351	856	--	0	4	3,798	(s)	--
Trillion Btu														
1960	6.3	32.1	0.4	0.0	0.6	1.0	0.0	10.3	0.5	0.0	NA	NA	0.0	50.2
1965	11.9	35.9	0.4	0.0	0.7	1.1	-0.1	11.7	0.0	0.0	NA	NA	0.0	60.6
1970	24.1	48.0	0.7	0.0	1.2	1.9	0.0	14.4	0.0	0.0	NA	NA	0.0	88.4
1975	26.8	37.0	1.8	0.0	4.1	5.9	65.2	12.6	0.0	0.0	NA	NA	0.0	147.5
1980	88.4	11.3	0.5	0.0	1.1	1.6	63.1	13.9	0.0	0.0	NA	NA	0.0	178.3
1985	110.4	1.2	0.4	0.0	0.0	0.4	43.9	15.1	0.0	0.0	0.0	0.0	0.0	170.9
1990	137.5	3.6	0.2	0.0	(s)	0.2	79.5	11.9	0.0	0.0	0.0	0.0	0.0	232.5
1995	172.7	3.1	0.4	0.0	0.0	0.4	78.6	14.7	0.2	0.0	0.0	0.0	0.0	269.7
1996	173.5	2.3	0.3	0.0	0.0	0.3	99.3	16.6	0.1	0.0	0.0	0.0	0.0	292.1
1997	185.6	2.7	0.4	0.0	(s)	0.4	97.3	17.1	0.2	0.0	0.0	0.0	(s)	303.3
1998	197.5	5.1	0.5	0.0	0.1	0.5	86.6	17.2	0.1	0.0	0.0	0.0	-0.2	306.9
1999	190.8	4.6	0.4	0.0	(s)	0.4	105.5	17.6	0.1	0.0	0.0	0.0	-0.1	318.8
2000	198.6	5.6	0.6	0.0	0.1	0.7	90.0	15.3	0.1	0.0	0.0	0.0	0.0	310.3
2001	216.4	4.4	0.4	0.0	(s)	0.4	91.1	11.6	0.1	0.0	0.0	(s)	0.0	324.1
2002	209.8	4.8	0.2	0.0	(s)	0.3	105.7	11.2	0.1	0.0	0.0	0.1	0.0	332.0
2003	219.4	4.6	0.6	0.0	(s)	0.6	83.3	9.9	0.4	0.0	0.0	0.4	(s)	318.6
2004	216.1	3.3	0.3	0.0	(s)	0.3	106.8	9.1	0.3	0.0	0.0	0.4	(s)	336.3
2005	220.8	8.0	0.3	0.0	0.1	0.4	91.9	8.7	0.5	0.0	0.0	1.0	(s)	331.2
2006	219.2	7.8	0.2	0.0	(s)	0.2	93.9	8.9	0.5	0.0	0.0	2.6	(s)	333.2
2007	208.7	11.1	0.3	0.0	0.1	0.5	115.8	3.4	0.6	0.0	0.0	2.1	(s)	342.2
2008	226.8	7.3	0.4	0.0	(s)	0.4	99.1	3.4	0.6	0.0	0.0	2.1	(s)	339.7
2009	242.3	3.3	0.3	0.0	(s)	0.3	98.7	4.2	0.6	0.0	0.0	3.7	(s)	353.2
2010	241.8	4.0	0.3	0.0	(s)	0.3	115.5	12.8	0.7	0.0	0.0	4.1	0.0	379.3
2011	266.3	4.3	0.4	0.0	0.1	0.5	72.5	15.7	0.6	0.0	0.0	10.2	0.0	370.1
2012	253.7	7.9	0.2	0.0	(s)	0.2	60.8	12.0	0.6	0.0	0.0	12.2	0.0	347.3
2013	272.7	4.7	0.5	0.0	0.0	0.5	71.7	10.7	0.6	0.0	0.0	17.2	0.0	378.2
2014	254.6	4.3	0.6	0.0	0.0	0.6	105.7	11.0	0.6	0.0	0.0	26.0	(s)	402.8
2015	245.1	4.5	0.1	0.0	0.0	0.1	108.0	15.7	0.7	0.0	0.0	29.6	0.0	403.8
2016	220.5	6.2	0.1	0.0	0.0	0.1	97.8	7.9	0.9	0.0	(s)	35.1	(s)	368.4

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.